JC03 Rec'd PCT/PTO 2 0 MAY 2005

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PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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	1	RANSMITTAL LETTER TO		ATTORNEY'S DOCKET NUMBER 81,617 U.S. APPLICATION NOT INTROMPSE 27 CER 1.5)						
		DESIGNATED/ELECTED								
	CO	NCERNING A SUBMISSION	ON UNDER 35 U.S.C. 371							
	1	TIONAL APPLICATION NO. /US03/038057	INTERNATIONAL FILING DATE 12/2/2003	PRIORITY DATE CLAIMED 12/04/2002	1					
		INVENTION		12/04/2002	1					
-	APPLICA	IMPROVED MOL			Į.					
				Jr., Ernest L.; Zimmerman, Ro	þei					
	Applican	t herewith submits to the United St	ates Designated/Elected Office (DO/EC	O/US) the following items and other information:						
	1. 🔀	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
	2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
	з. 🔲	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
	4. 🔀	The US has been elected (Article 31).								
	5. 🔯	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	-	a. is attached hereto (required only if not communicated by the International Bureau).								
		b. has been communicated by	y the International Bureau.	•						
		c. is not required, as the appli	cation was filed in the United States Receive	ing Office (RO/US).						
	6.		. e International Application as filed (35 U.S.C							
		a. is attached hereto.	,	, , , ,						
		b. has been previously submi	tted under 35 U.S.C. 154(d)(4).							
	7.		ernational Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
		a. are attached hereto (required only if not communicated by the International Bureau).								
		b. have been communicated by the International Bureau.								
		c. have not been made; however, the time limit for making such amendments has NOT expired.								
		d. have not been made and v	will not be made.	·	ļ					
	8.		ne amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).	i					
I	9. 🗶	An oath or declaration of the inventor		t makeur						
	10. 🔲		e annexes of the International Preliminary E	xamination Report under PCT						
	Items	11 to 20 below concern document(s) or information included:							
ı	11. 🔯	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.		,					
l	12. 🔽	An assignment document for recording	ng. A separate cover sheet in compliance wit	th 37 CFR 3.28 and 3.31 is included.						
I	13.	A preliminary amendment.	•							
l	14.	An Application Data Sheet under 37 (OFR 1.76.		ĺ					
l	15.	A substitute specification.								
	16.	A power of attorney and/or change of	address letter.							
	17.	A computer-readable form of the sequ	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.						
	18.		national Application under 35 U.S.C. 154(d)(
	19.	A second copy of the English language	ge translation of the international application	under 35 U.S.C. 154(d)(4).						
	20.	Other items or Information: Exp	ress Mail Label ED699114	4223US, return postcard						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICAT	APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/US03/038057			ATTORNEY'S DOCKET NUMBER 81,617						
The foll	The following fees have been submitted				CALCULATIONS	PTO USE ONLY				
21. 🔀 Basi	ic national fee			\$300	\$ 300					
if International p PCT Article 3	nination fee reliminary examin 3(1)-(4)		s 200							
Search fee (37 C International Sea	rch fee FR 1.445(a)(2)) h onal Searching Aut orch Report prepar ns	s 100								
	TOTAL OF 21, 2	\$								
sequence lis	sting or computer	program listing filed	drawings filed in paper over 100 sheets (excluding ram listing filed in an electronic medium). Il 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets		additional 50 or fraction to a whole number)	RATE						
17 - 100 =	/50 =			× \$250	\$					
	30.00 for furnishing late (37 CFR 1.49	from the earliest	\$							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$					
Total claims		5 - 20 =		x \$50	\$					
Independent clair	ms #	-3=	2	x \$200	\$ 400					
MULTIPLE DEPE	ENDENT CLAIM(S	if applicable)		+ \$360	\$					
			TOTAL OF ABOVE	CALCULATIONS =	\$					
Applicant cla	ims small entity st	atus. See 37 CFR 1	.27. Fees above are redu	ced by 1/2.						
		\$1000.								
_	f \$130.00 for fumiliate (37 CFR 1.49)	ths from the earliest +	\$							
		\$ [DOD.								
-	the enclosed ass cover sheet (37	\$40,								
			TOTAL F	EES ENCLOSED =	\$					
					Amount to be	T _{\$}				
					refunded: Amount to be	\$				
					charged:	<u> </u>				
a:⊸L A chec	k in the amount of	\$	to cover the abo	ove fees is enclosed.						
b. Please charge my Deposit Account No. 08-3442 in the amount of \$ 1040.00 to cover the above fees. A duplicate copy of this sheet is enclosed.										
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08=3442. A duplicate copy of this sheet is enclosed.										
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
			R 1.495 has not been me	t, a petition to revive	(37 CFR 1.137(a) or (b)) must be filed				
and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO:										
Legal Department SIGNATURE										
HUNTSMAN	-	nher I Whomall								
· ·	th Lamar	pher J. Whewell								
Austin,	TX 7875	469								
		ON NUMBER								